

volume. The competition is open to all without any restriction, and each memoir must be furnished with a motto for the purpose of identification, the writer's name and address being placed in a sealed envelope, having the motto on its outside. Competitors are requested to write upon foolscap paper and upon one side only.

The natural-history subjects suggested are as follows:—

To be sent in not later than May 1, 1885:

1. Anatomy and Life-history of *Echidna* and *Platypus*.

2. Anatomy and Life-history of Mollusca peculiar to Australia.

To be sent in not later than May 1, 1886:

List of the Marine Fauna of Port Jackson, with descriptive Notes as to Habits, Distribution, &c.

To be sent in not later than May 1, 1887:

On the Infusoria peculiar to Australia.

*A new Insect injurious to Wheat.* By C. V. RILEY.

The following description was presented to the Washington Entomological Society at its monthly meeting, Nov. 6. The description is comparative with *Isosoma tritici*, Riley, with which it is most nearly allied.

*Isosoma grandis*, n. sp.

*Female.* Length of body 4.2 millim., expanse 7.6 millim. Antennæ rather more slender and less clavate than in *tritici* and but half the length of thorax. Thorax with the mesonotum slightly more rugulose; wings larger and less hyaline than in the winged specimens of *tritici*, the veins extending to outer third, the submarginal nearly four times as long as marginal; legs with the femora less swollen. Abdomen not so long as thorax, stouter than in *tritici*, ovate-acuminate, approaching typical *Eurytoma*. Less hairy than *tritici*, especially about legs, the hairs of abdomen being less numerous, less regular, and shorter. Coloration similar to that of *tritici*, but brighter and more highly contrasting, the pronotal spot larger and brighter yellow, the pedicel of antennæ yellow, and the femora with a definitely limited, suboval, yellowish spot below, near the tip, extending two fifths the length of femur on front pair, smaller on middle pair, and still shorter and less definite on posterior pair.

*Larva.*—Greenish yellow in colour. Average length 6 millim.; otherwise of same proportions and structure as in *tritici*.

*Pupa.*—Average length 5 millim. Except in larger size and ample wing-pads undistinguishable from that of *tritici*.

Described from twenty-four females, reared from wheat-stems in June, and taken by Mr. F. M. Webster at Lafayette, Indiana. The species is treated of in my forthcoming report as U.-S. Entomologist, and works in wheat much as *tritici* does. Its larger size, stouter build, aside from the other characters mentioned, readily distinguish it, however; while from *hordei*, Harris, *vitis*, Saunders, and *elymi*, French, it is still more readily distinguished.—*Bull. Brooklyn Entom. Soc.* vol. vii. p. 111.